

## REQUEST

For receiving Office use only	
International Application No.	•
International Filing Date	
Name of receiving Office and "PCT International Application"	

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"				
	Applicant's or agent's file reference (if desired) (12 characters maximum) 9835-50223p				
Box No. I TITLE OF INVENTION					
Flattened Helical Tire Cord					
	n is also inventor				
Name and address: (Family name followed by given name; for a legal entity, full official designation.  The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  Telephone No.  501-327-6800					
TOKUSEN U.S.A., INC.		Facsimile No.			
1500 Amity Road		501-327-02	.31		
Conway, Arkansas 72032		Teleprinter No.			
United States of America					
omed claics of America		Applicant's regist	tration No. with the Office		
Charles (direction and a Constitution of the C			·		
State (that is, country) of nationality: US	State (that is, country)	of residence:	.		
	ed States except	the United States	the States indicated in		
for the purposes of:  States  States	States of America	of America only	the Supplemental Box		
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)	<del>-</del>			
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of resident KOBAYASHI, Takanori 748-1 Sumiyoshi-Cho Ono City Hyogo Prefecture	the address indicated in this	applican applican inventor is marke	at only  at and inventor  only (If this check-box  ed, do not fill in below.)  stration No. with the Office		
Japan 675-1361					
State (that is, country) of nationality:  State (that is, country) of residence:  JP  State (that is, country) of residence:					
	ted States except States of America	the United States of America only	the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated	on a continuation sheet.				
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE					
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	on behalf s as:	agent	common representative		
Name and address: (Family name followed by given name; for a legal entity, full official designation.  The address must include postal code and name of country.)  Tolephone No.  501-371-0808					
COX, Ray F.; DOUGHERTY, J. Charles; D	Facsimile No.	· ·			
Christine J.	501-376-9	442			
Wright, Lindsey & Jennings LLP	Teleprinter No.				
200 West Capitol, Suite 2300					
Little Rock, Arkansas 72201-3699  Agent's registration No. with the second seco					
United States of America 33669; 41715; 47513					
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.					

Form PCT/RO/101 (first sheet) (March 2001; reprint January 2003) DOCKETED:

(67

See Notes to the request form

Sheet No. ...?...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should not be included in the request.				
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence SMITH, William E.  One Cottontail Drive  Conway, Arkansas 72032  United States of America	This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office			
State (that is, country) of nationality: US	State (that is, country) US	of residence:		
This person is applicant for the purposes of:  all designated the United States  all designated the United States		the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence SMITH, Charles E., Jr. 3275 Chrysler Cove Conway, Arkansas 72034 United States of America	e address indicated in this	This person is:  applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office		
State (that is, country) of nationality: US	State (that is, country)	of residence:		
This person is applicant all designated all designated for the purposes of:	States except ates of America	the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence MORIOKA, Noritaka 2905 Billy Jack Drive Apartment 1  Conway, Arkansas 72034  United States of America	e address indicated in this	This person is:  applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office		
State (that is, country) of nationality:  JP	State (that is, country, US	) of residence:		
This person is applicant all designated all designated	States except ates of America	the United States of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this	This person is:  applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office		
State (that is, country) of nationality:  State (that is, country) of residence:				
This person is applicant for the purposes of:  all designated the United St	States except ates of America	the United States of America only the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated on another continuation sheet.				

Box	No.	v	DESIGNATION OF STATES	M	ark the applicable check-boxes below; a	t leas	st o	ne must be marked.
The	follo	win	g designations are hereby made und	er Ru	le 4.9(a):			
			· · · ·	110				
	Regional Patent  AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired,							
	EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT							
X	EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT							
X							CI Côte d'Ivoire, CM Cameroon, auritania, NE Niger, SN Senegal, ting State of the PCT (if other kind	
			atent (if other kind of protection or					٠.
X	ΑE	Unit	ted Arab Emirates	GM	Gambia	N	Z	New Zealand
X	AG	Anti	gua and Barbuda	HR	Croatia	Z o	M	Oman
X	AL	Alb	ania	HU	Hungary	X P	H	Philippines
M	AM	Am	nenia	ID	Indonesia	P P	L	Poland
X	AT	Aus	tria	IL	Israel	M P	Т	Portugal
					India			
			rbaijan			R		Russian Federation
					Japan	<b>D</b> I ~		
					Kenya			
120 120	DG PD	Dul(	gana	K.G PD	Kyrgyzstan			
			arus		of Korea :			Sweden
					Republic of Korea		V K	Slovekie
					Kazakhstan			
-			I Switzerland and Liechtenstein	LC				Tajikistan
			na					Turkmenistan
X	CO	Col	ombia .	LR	Liberia	X T	'n	Tunisia
				LS	Lesotho	X T	R	Turkey
X	CU	Cub	oa	LT	Lithuania	<b>X</b> 1	Т	Trinidad and Tobago
			ch Republic 🔀		Luxembourg			•••••••••••••••••••••••••••••••••••••••
X	DE	Ger	many 🔀	LV	Latvia	K) 1	Z	United Republic of Tanzania
					Morocco	K) i	JΑ	Ukraine
$\Sigma_{\mathbf{c}}$	DM	Dor	ninica 🔣		Republic of Moldova	K) (X	JG	Uganda
			eria				JS	
					Madagascar			Continuation-in-part
				Mŀ	The former Yugoslav Republic of			
_			in		Macedonia			
X			land			K V	N	Viet Nam
X			ted Kingdom	M	VMalawi		YU	Yugoslavia
			nada 🚡	M	( Mexico		LA.	South Africa
X					Z Mozambique			
	GH	Gha	ana	NO	Norway	<b>X</b> 2	ZW	Zimbabwe
Ch	eck-	boxe	es below reserved for designating Sta	ites v	which have become party to the PCT a	after i	SSI	uance of this sheet
	N	A Nic	caragua	1	······			
								••••••
		<u> </u>		• • • •			• •	• • • • • • • • • • • • • • • • • • • •

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

## Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which
a special continuation box is provided, the space is insufficient
to furnish all the information: in such case, write "Continuation
of Box No..." (indicate the number of the Box) and furnish the
information in the same manner as required according to the
captions of the Box in which the space was insufficient, in
particular:

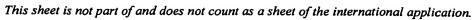
If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case write "Continuation of U.S. Application No. 10/118,264 filed 8 April 2002.

- (i) if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. III and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- (vi) if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

Box No. VI PRIORITY CLAIM						
The priority of the following	earlier application(s) is here	by claimed:				
Filing date Number		Where earlier application is:				
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) 8 April 2002 (08.04.02)	10/118,264	US				
item (2)				·		
item (3)						
item (4)		·				
item (5)						
Further priority claims	are indicated in the Supplem	ental Box.				
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:  all items item (1) item (2) item (3) item (4) item (5) Other, see Supplemental Box						
* Where the earlier applicati Industrial Property or one M	on is an ARIPO application, i ember of  the World Trade O	indicate at least one countr Organization for which that	y party to the Paris Com earlier application was f	vention for the Protection of îled (Rule 4.10(b)(ii)):		
Box No. VII INTERNATIONAL SEARCHING AUTHORITY						
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):						
Request to use results of ea International Searching Auth	arlier search; reference to		search has been carried (	• •		
Date (day/month/year)	Num	iber Cou	intry (or regional Office)			
8 April 2002 (08.04.02)	10/1	18,264	US .			
Box No. VIII DECLARATIONS						
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable  Check-boxes below and indicate in the right column the number of each type of declaration):  Number of declarations						
Box No. VIII (i)	Declaration as to the ident	ity of the inventor	•	:		
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :						
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :						
Box No. VIII (iv)	Box No. VIII (iv)  Declaration of inventorship (only for the purposes of the designation of the United States of America):					
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :						

Sheet No. . . . 6

Box No. IX CHECK LIST; LANGUAGE OF FILING							
This international application contains:  (a) in paper form, the following number of sheets:  This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):							
request (including	1.  fee calculation sheet	: 1					
declaration sheets) : 6 description (excluding	2. D original separate power of attorney	: \					
sequence listings and/or	3.  original general power of attorney	:					
tables related thereto) : 14	4. Copy of general power of attorney; reference number, if any:						
claims : 4	5.  statement explaining lack of signature						
abstract : 1 drawings : 2	6. priority document(s) identified in Box No. VI as						
	item(s):	:					
Sub-total number of sheets: 27 sequence listings:	7. Translation of international application into						
tables related thereto :	(language):	:					
(for both, actual number of	or other biological material	:					
sheets if filed in paper form, whether or not also filed in computer readable form;	<ol> <li>sequence listings in computer readable form         (indicate type and number of carriers)</li> </ol>						
see (c) below)	(i) copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application	):					
Total number of sheets : 27  (b) □ only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter						
(Section 801(a)(i))	_						
(i) ☐ sequence listings (ii) ☐ tables related thereto	(iii) together with relevant statement as to the identity of the copy of copies with the sequence listings mentioned in left column	· :					
(c) also in computer readable form (Section 801(a)(ii))	10. tables in computer readable form related to sequence listings (indicate type and number of carriers)						
<ul><li>(i) ☐ sequence listings</li><li>(ii) ☐ tables related thereto</li></ul>	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)	: 1					
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)						
sequence listings:	(iii) together with relevant statement as to the identity of the copy of	r					
tables related thereto:	copies with the tables mentioned in left column  11.  other (specify): Transmittal Letter	:					
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	11. M. Unier (specyy). 10-40-40-40-40-40-40-40-40-40-40-40-40-40	: '					
Figure of the drawings which							
Figure of the drawings which should accompany the abstract:  2   Language of filing of the international application: English							
Box No. X SIGNATURE OF APPLICAN Next to each signature, indicate the name of the person signature.	T, AGENT OR COMMON REPRESENTATIVE ming and the capacity in which the person signs (if such capacity is not obvious from reading	the request).					
Tokusen U.S.A., Inc., by Masakatsu Ichinomiya, Vice President, Admin.							
Takanori Kobayashi William E. Smith							
Charles E. Smith, Jr. <u>N. Marida</u> Noritaka Morioka							
For receiving Office use only							
Date of actual receipt of the purported international application:  2. Drawings:							
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:							
4. Date of timely receipt of the required corrections under PCT Article 11(2):							
5. International Searching Authority (if two or more are competent): ISA /  6. Transmittal of search copy delayed until search fee is paid							
For International Bureau use only							
Date of receipt of the record copy by the International Bureau:							



## **PCT**

1 0 1	To receiving Office use only				
FEE CALCULATION SHEET	International Application No.				
Annex to the Request					
Applicant's or agent's file reference 9835-50223p	Date stamp of the receiving Office				
Applicant					
TOKUSEN U.S.A., INC., et al.	{ <b>I</b>				
CALCULATION OF PRESCRIBED FEES					
1. TRANSMITTAL FEE	240 T				
2. SEARCH FEE					
3. INTERNATIONAL FEE Basic Fee					
Where items (b) and/or (c) of Box No. IX apply, enter Sub-total nu Where items (b) and (c) of Box No. IX do not apply, enter Total nu					
b1 first 30 sheets	407 bi				
b2 x =	b2				
number of sheets fee per sheet in excess of 30					
additional component (only if sequence listings and/or tables thereto are filed in computer readable form under Section 801 or both in that form and on paper, under Section 801(a)(ii)):	related (a)(i),				
	ьз]				
400 x =					
Add amounts entered at b1, b2 and b3 and enter total at B	407 B				
Designation Fees  The international application contains 95 designations.					
5 x=	440 D				
number of designation fees amount of designation fee payable (maximum 5)					
Add amounts entered at B and D and enter total at I	847 🗔				
(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled the total					
to be entered at I is 25% of the sum of the amounts entered at B and I  4. FEE FOR PRIORITY DOCUMENT (if applicable)	00 531				
5. TOTAL FEES PAYABLE					
Add amounts entered at T, S, I and P, and enter total in the TOTAL	box TOTAL				
The designation fees are not paid at this time.					
MODE OF PAYMENT					
authorization to charge postal money order postal money order	cash coupons				
cheque bank draft	revenue stamps other (specify):				
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT (This mode of payment may not be available at all receiving Offices)  Receiving Office: RO/					
Authorization to charge the total fees indicated above.					
(This check-box may be marked only if the conditions for deposit acco	ency				
or credit any overpayment in the total fees indicated above.	Name:				
Authorization to charge the fee for priority document.	Signature:				